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AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/07/2019

Lab ID	:	CP-2019-08-16-51
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drain at Kondappa Layout 17th Cross and 20th Cross Road in Chowdeshwari Ward No-02.
Agency	:	Sri.N Lokanath Reddy, No.05, Kaveri Nagar, 7th Cross, Kavalu Byrasandra, R T Nagara(Post), Bangalore-32.
Customer's Reference	:	EE(YNK D)E-PMT-09/W.O/20/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-07-19
Customer ID	:	Cement Concrete Pavement
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M30 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/07/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M30	11/07/2019	18/07/2019	149.61 X 151.28 X 151.76	22632	**8.120**	574.5	25.4	25.4
2	Cement Concrete Pavement	M30	11/07/2019	18/07/2019	149.93 X 150.35 X 151.68	22541	**8.223**	595.7	26.4	
3	Cement Concrete Pavement	M30	11/07/2019	18/07/2019	150.30 X 150.47 X 150.89	22615	**8.536**	549.0	24.3	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
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Samples will be disposed after 90 days from the date of issue of test certificate

AE-2 A.E.E
AE-02

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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TEST RESULTS OF STEEL

Lab ID	:	**CP-2019-08-16-51**
		Date: 29-06-19
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads and Drain at Kondappa Layout 17th Cross and 20th Cross Road in Chowdeshwari Ward No-02.
Agency	:	Sri.N Lokanath Reddy, No.05, Kaveri Nagar, 7th Cross, Kavalu Byrasandra, R T Nagara(Post), Bangalore-32.
Customer's Reference	:	EE(YNK D)E-PMT-09/W.O/20/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-06-19
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	28-06-19

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.391	512	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.616	528	672	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.888	544	668	20.0%	Satisfactory	Satisfactory

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TEST REPORT ON COARSE AGGREGATES

Format No: CP/TF/01

: CP-2019-08-16-51

Date: 26-06-19

ID

YSICAL PROPERTIES

l.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	12.1	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.4	
3	Specific Gravity	2.63	_
4	Bulk Density(Loose) (Kg/l)	1.52	_
5	Bulk Density(Compacted) (Kg/l)	1.54	_
6	Water Absorption(%)	0.21	_
7	Aggregate crushing Value(%)	23.5	Max 30% for Aggregates to be used in concrete for wearing Surface, In case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for Aggregates to be used in concrete other than for wearing Surface.
8	Aggregate Impact Value(%)	22.8	30% for Aggregates to be used in concrete for wearing Surface, 45% for Aggregates to be used in concrete other than for wearing Surface.

Note:

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R KARTHIK RECHAN
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Quality Manager

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